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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

HEDLUND et al

Atty. Ref.: **1579-61**; Confirmation No. **4264**

Appl. No. **09/840,029**

TC/A.U. **3742**

Filed: **April 24, 2001**

Examiner: **ROBINSON, Daniel Leon**

For: **MR-COMPATIBLE METHODS AND SYSTEMS FOR CARDIAC MONITORING
AND GATING**

* * * * *

May 13, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

REQUEST FOR CORRECTION OF INVENTOR INFORMATION

It has come to the attention of the undersigned attorney of record that typographical and inadvertent errors occurred in the Declaration which was executed by the inventors and filed in the above referenced application. The two errors are as follows:

- The given name of Inventor No. 2 contained a typographical error which was not corrected at the time of execution; namely, "Arja" should have been -- Anja --.
- The city of residence for Inventor No. 4 should have been "Chapel Hill" and not "Durham" as was inadvertently typed on the Declaration.

There is attached hereto an Application Data Sheet setting forth the correct inventor information. In addition a copy of the executed Declaration is also attached where the inventor Brau signed his given name as "Anja" but neglected to correct the typewritten portion.

The assignment information is accurate as evidenced by the attached copy of the executed Assignment, Recordation Cover Sheet and the Notice of Recordation. In this

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instance the inventor Brau did correct the spelling of his given name on the first page, the information on the signature page being correct.

It is submitted that the errors were merely typographical and/or inadvertent and that no petition for correction of the Patent Office records is required. It is requested that the undersigned be informed when the requested corrections have been made.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: 

Bryan H. Davidson
Reg. No. 30,251

BHD:Imy
1100 North Glebe Road, 8th Floor
Arlington, VA 22201-4714
Telephone: (703) 816-4000
Facsimile: (703) 816-4100

Application Data Sheet
Application Information



Application number: 09/840,029
Filing Date: April 24, 2001
Group Art Unit: 3742
Title: MR-COMPATIBLE METHODS AND
SYSTEMS FOR CARDIAC MONITORING
AND GATING
Attorney Docket Number: 1579-561

Applicant Information

Applicant Authority Type: Inventor 1
Primary Citizenship Country: USA
Given Name: Laurence
Middle Name: W.
Family Name: HEDLUND
City of Residence: Chapel Hill
State or Province of Residence: North Carolina
Street of mailing address: 2439 Tilghman Circle
City of mailing address: Chapel Hill
State or Province of mailing address: North Carolina
Postal or Zip Code of mailing address: 27514

Applicant Authority Type: Inventor 2
Primary Citizenship Country: USA
Given Name: Anja
Middle Name: C.S.
Family Name: BRAU
City of Residence: Durham
State or Province of Residence: North Carolina
Street of mailing address: 105 Carved Oak Drive
City of mailing address: Durham
State or Province of mailing address: North Carolina
Postal or Zip Code of mailing address: 27706

Applicant Authority Type: Inventor 3
Primary Citizenship Country: USA
Given Name: Charles
Middle Name: T.
Family Name: WHEELER
City of Residence: Durham
State or Province of Residence: North Carolina
Street of mailing address: 5000 E. Old Oxford Highway
City of mailing address: Durham
State or Province of mailing address: North Carolina
Postal or Zip Code of mailing address: 27712

Applicant Authority Type:	Inventor 4
Primary Citizenship Country:	USA
Given Name:	G.
Middle Name:	Allan
Family Name:	JOHNSON
City of Residence:	Chapel Hill
State or Province of Residence:	North Carolina
Street of mailing address:	3008 New Hope Church Road
City of mailing address:	Chapel Hill
State or Province of mailing address:	North Carolina
Postal or Zip Code of mailing address:	27514

Correspondence Information

Correspondence Customer Number:	23117
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Representative Information

Representative Customer Number:	23117
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Assignee Information

Assignee name:	DUKE UNIVERSITY
Street of mailing address:	
City of mailing address:	Durham
State or Province of mailing address:	North Carolina
Country of mailing address:	
Postal or Zip Code of mailing address:	27708-0083



RULE 63 (37 C.F.R. 1.63)
INVENTORS DECLARATION FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Nixon & Vanderhye P.C. (10/99)
 (Domestic Assigned) Page

RULE 63 (37 C.F.R. 1.63)
INVENTORS DECLARATION FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MR-COMPATIBLE METHODS AND SYSTEMS FOR CARDIAC MONITORING AND GATING

the specification of which (check applicable box(es)):

is attached hereto
 was filed on April 25, 2001 as U.S. Application Serial No. 09/840,029 (Atty. Dkt. No. 1579-561)
 was filed as PCT International application No. on
 and (if applicable to U.S. or PCT application) was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):	Application Number	Country	Day/Month/Year Filed
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I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number	Date/Month/Year Filed
--------------------	-----------------------

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below.

Prior U.S./PCT Application(s):	Application Serial No.	Day/Month/Year Filed	Status: patented pending, abandoned
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby ask that all communications in this matter be directed to: NIXON & VANDERHYE P.C., 1100 North Glebe Rd., 8th Floor, Arlington, VA 22201-4714, telephone number (703) 816-4000.

1.	Inventor's Signature: <u><i>Laurence W. Hedlund</i></u>	Date: <u>07/12/01</u>
	Inventor: Laurence W. HEDLUND (first) MI (last)	USA (citizenship)
	Residence: (city) Chapel Hill (state/country) North Carolina	
	Mailing Address: 2439 Tilghman Circle, Chapel Hill, North Carolina (Zip Code) 27514	
1.	Inventor's Signature: <u><i>Anja C.S. Brau</i></u>	Date: <u>07/12/01</u>
	Inventor: Anja C.S. BRAU (first) MI (last)	USA (citizenship)
	Residence: (city) Durham (state/country) North Carolina	
	Mailing Address: 105 Carved Oak Drive, Durham, North Carolina (Zip Code) 27706	

See attached sheet(s) for additional inventor(s) information!!

COPY

RULE 63 (37 C.F.R. 1.63)
INVENTORS DECLARATION FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

3. Inventor's Signature: Charles T. Wheeler Date: 7/12/01
Inventor: Charles T. WHEELER USA
(first) MI (last) (citizenship)
Residence: (city) Durham (state/country) North Carolina
Mailing Address: 5000 E. Old Oxford Highway, Durham, North Carolina
(Zip Code) 27712
4. Inventor's Signature: Allan Johnson Date: 7/07/2001
Inventor: Allan JOHNSON USA
(first) MI (last) (citizenship)
Residence: (city) Durham (state/country) North Carolina
Mailing Address: 3008 New Hope Church Road, Durham, North Carolina
(Zip Code) 27514

FOR ADDITIONAL INVENTORS, check box and attach sheet with same information and signature and date for each.

COPY

1579-561
BHD



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

OCTOBER 19, 2001

PTAS



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NIXON & VANDERHYE P.C.
BRYAN H. DAVIDSON
1100 NORTH GLEBE ROAD
8TH FLOOR
ARLINGTON, VA 22201

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/14/2001

REEL/FRAME: 012072/0867
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
HEDLUND, LAURENCE W.

DOC DATE: 08/01/2001

ASSIGNOR:
BRAU, ANJA C.S.

DOC DATE: 08/01/2001

ASSIGNOR:
WHEELER, CHARLES T.

DOC DATE: 08/01/2001

ASSIGNOR:
JOHNSON, G. ALLAN

DOC DATE: 08/01/2001

ASSIGNEE:
DUKE UNIVERSITY
DURHAM, NORTH CAROLINA 27708-0083

SERIAL NUMBER: 09840029
PATENT NUMBER:

FILING DATE: 04/24/2001
ISSUE DATE:

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SHAREILL COLES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

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08-20-2001



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U.S. Department of Commerce
Patent and Trademark Office

Our Ref.: 1579-561

Commissioner of Patents and Trademarks
Box Assignment, Washington, D.C. 20231

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.				
<p>1. Name of conveying party(ies): Laurence W. HEDLUND Anja C.S. BRAU Charles T. WHEELER G. Allan JOHNSON</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: August 1, 2001</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Duke University Internal Address: Street Address: City: Durham State/Country: North Carolina Zip: 27708-0083</p> <p>Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>			
<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:</p> <table border="0"><tr><td>A. Patent Application No(s). (1) 09/840,029 (2) (3)</td><td>B. Patent No(s). (1) (2) (3)</td></tr></table> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		A. Patent Application No(s). (1) 09/840,029 (2) (3)	B. Patent No(s). (1) (2) (3)	
A. Patent Application No(s). (1) 09/840,029 (2) (3)	B. Patent No(s). (1) (2) (3)			
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Bryan H. Davidson Internal Address: Street Address: Nixon & Vanderhye P.C. 1100 North Glebe Road 8th Floor City: Arlington State: VA Zip: 22201</p>	<p>6. Total number of applications & patents involved: 1</p> <p>7. Total fee (37 CFR 3.41) \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.</p>			
DO NOT USE THIS SPACE				
<p>9. Statements and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p> <table border="0"><tr><td>Bryan H. Davidson Name of Person Signing Reg. No. 30,251</td><td> Signature</td><td>August 14, 2001 Date</td></tr></table> <p>Total number of pages including original cover sheet, attachments, and document: [3]</p>		Bryan H. Davidson Name of Person Signing Reg. No. 30,251	 Signature	August 14, 2001 Date
Bryan H. Davidson Name of Person Signing Reg. No. 30,251	 Signature	August 14, 2001 Date		

08/17/2001 DBYRHE 00000200 09840029

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ASSIGNMENT
Of U.S. Origin Patent Application

WHEREAS, the undersigned, to wit:

- 1) Laurence W. Hedlund
- 2) AB ⁿ Aija C.S. Brau
- 3) Charles T. Wheeler
- 4) G. Allen Johnson

(hereinafter collectively ASSIGNORS), has/have made an invention known as Attorney Dkt. 1579-553
(Duke File No. 1928) and entitled:

MR-COMPATIBLE METHODS AND SYSTEMS FOR CARDIAC MONITORING AND
GATING

for which an application for Letters Patent of the United States

[] was executed even date herewith and is about to be filed in the United States Patent and Trademark
Office;

[X] was filed on April 24, 2001, Appln. No. 0 / (Attorney Docket No. 1579-561);

AND WHEREAS DUKE UNIVERSITY, Durham, North Carolina

(hereinafter ASSIGNEE), desires to acquire an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS, does hereby sell, assign and transfer unto ASSIGNEE, its exclusive right, title and interest to the said invention in the aforesaid application, and to the said application and to all continuations, divisions, reissues and substitutes of said application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and ASSIGNORS hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.


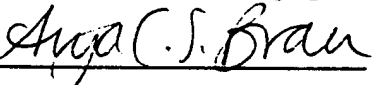
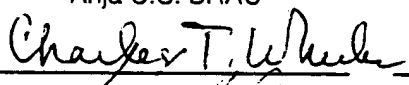
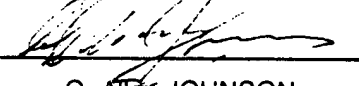
COPY

AND ASSIGNORS hereby agrees to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNORS furthermore agrees upon request of said ASSIGNEE, and without further remuneration, to execute any and all papers desired by said ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE.

The undersigned hereby authorize(s) Nixon & Vanderhye P.C. of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

Executed on the date(s) below indicated.

	<u>Signature</u>	<u>Date Signed</u>	<u>Witness</u>
(1)	<u></u> Laurence W. HEDLUND	<u>08/01/01</u>	<u>Cindy Jears</u>
(2)	<u></u> Anja C.S. BRAU	<u>08/01/01</u>	<u>Cindy Jears</u>
(3)	<u></u> Charles T. WHEELER	<u>08/01/01</u>	<u>Cindy Jears</u>
(4)	<u></u> G. Allan JOHNSON	<u>08/01/01</u>	<u>Cindy Jears</u>